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OM protein - protein search, using sw model

Run on: January 16, 2003, 16:49:27, Search time: 3.67133 seconds
(without alignments)
32 360 Million cell updates/sec

Title: US-09-856-070-26
Perfect score: 28
Sequence: 1 QNVEF 5

Scoring table: BLOSUM62
Gapop 10 0, Gapext 0 5

Searched: 120991 seqs, 19878514 residues

Total number of hits satisfying chosen parameters: 126691

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database: Published Applications AA:**

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution

SUMMARIES

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3	28	100.0	159	9	US-09-738-626-6937, A
4	28	100.0	159	9	US-09-738-626-6937, A
5	28	100.0	159	9	US-09-738-626-6937, A
6	28	100.0	159	9	US-09-738-626-6937, A
7	28	100.0	159	9	US-09-738-626-6937, A
8	28	100.0	159	9	US-09-738-626-6937, A
9	25	89.3	36	10	US-09-864-761-48620, A
10	25	89.3	104	9	US-09-738-626-6937, A
11	25	89.3	134	10	US-09-864-761-48620, A
12	25	89.3	181	10	US-09-867-550-1394, A
13	25	89.3	216	10	US-09-745-763, A
14	25	89.3	298	10	US-09-800-729-121, A
15	25	89.3	298	10	US-09-800-729-121, A
16	25	89.3	377	10	US-09-815-242-12426, A
17	25	89.3	348	10	US-09-825-240-932, A
18	25	89.3	348	10	US-09-738-626-6937, A
19	25	89.3	350	9	US-09-738-626-6937, A

Sequence 8, Appli
Sequence 6937, Ap
Sequence 1345, Ap
Sequence 10861, A
Sequence 6, Appli
Sequence 480, Appl
Sequence 12636, A
Sequence 13003, A
Sequence 1312, Ap
Sequence 198, App
Sequence 5476, Ap
Sequence 2, Appli
Sequence 36429, A
Sequence 258, App
Sequence 27, Appli
Sequence 4, Appli
Sequence 20, Appli
Sequence 5588, A
Sequence 12426, A
Sequence 12773, A
Sequence 13139, A
Sequence 37766, A
Sequence 84, Appli
Sequence 84, Appli
Sequence 26, Appli

ALIGNMENTS

RESULT 1
US-09-864-761-48620
Sequence 48620, Application US/09864761
Patent No. US0920048763A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharon G.
APPLICANT: Rank, David R.
APPLICANT: Haezel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DEPENDED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FIELD OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
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PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: PCT/US01/00663
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 ? PRIOR FILING DATE: 2000-06-30
 ? PRIOR APPLICATION NUMBER: US 09/774,203
 ? PRIOR FILING DATE: 2001-01-29
 ? NUMBER OF SEQ ID NOS: 49117
 ? SOFTWARE: ANCOMax Sequence Listing Engine vers. 1.1
 ? SEQ ID NO 48620
 ? LENGTH: 37
 ? TYPE: PRT
 ? ORGANISM: Homo sapiens
 ? FEATURES:
 ? OTHER INFORMATION: MAP TO AC007225.2
 ? OTHER INFORMATION: EXPRESSED IN HONE MARROW, SIGNAL - 1.6
 ? OTHER INFORMATION: EST_HUMAN HIT: A0118020.1, EVALUE 4.00e-15
 ? OTHER INFORMATION: SWISSPROT HIT: Q9Y5N6, EVALUE 3.00e-16
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Query Match 100.0%; Score 28; DB 10; Length 37;
 Best Local Similarity 100.0%; Pred. No. 9.5;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 QDYE 5
 Db 19 QDYE 24

RESULT 2
 US-10-174-590-540
 ? Sequence 540, Application US/10174590
 ? Publication No. US20030008452A1
 ? GENERAL INFORMATION:
 ? APPLICANT: Baker, Kevin P.
 ? APPLICANT: Chen, Jian
 ? APPLICANT: Desnoyers, Luc
 ? APPLICANT: Goddard, Audrey
 ? APPLICANT: Godowski, Paul J.
 ? APPLICANT: Gurney, Austin L.
 ? APPLICANT: Pan, James
 ? APPLICANT: Smith, Victoria
 ? APPLICANT: Watanabe, Colin K.
 ? APPLICANT: Wood, William I.
 ? APPLICANT: Zhang, Zemin
 ? TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ? FILE REFERENCE: P3430R1C42
 ? CURRENT APPLICATION NUMBER: US/10/174,590
 ? CURRENT FILING DATE: 2002-06-18
 ? Prior application removed - See File Wrapper or Palm
 ? NUMBER OF SEQ ID NOS: 612
 ? SEQ ID NO 540
 ? LENGTH: 159
 ? TYPE: PRT
 ? ORGANISM: Homo Sapien
 ? US-10-174-590-540

Query Match 100.0%; Score 28; DB 9; Length 159;
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 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 QDYE 5
 Db 22 QDYE 26

RESULT 3
 US-10-176-758-540
 ? Sequence 540, Application US/10176758
 ? Publication No. US20030008453A1
 ? GENERAL INFORMATION:

? APPLICANT: Baker, Kevin P.
 ? APPLICANT: Chen, Jian
 ? APPLICANT: Desnoyers, Luc
 ? APPLICANT: Goddard, Audrey
 ? APPLICANT: Godowski, Paul J.
 ? APPLICANT: Gurney, Austin L.
 ? APPLICANT: Pan, James
 ? APPLICANT: Smith, Victoria
 ? APPLICANT: Watanabe, Colin K.
 ? APPLICANT: Wood, William I.
 ? APPLICANT: Zhang, Zemin
 ? TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ? FILE REFERENCE: P3430R1C104
 ? CURRENT APPLICATION NUMBER: US/10/176,758
 ? CURRENT FILING DATE: 2002-06-21
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 ? NUMBER OF SEQ ID NOS: 612
 ? SEQ ID NO 540
 ? LENGTH: 159
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 ? ORGANISM: Homo Sapien
 ? US-10-176-758-540

Query Match 100.0%; Score 28; DB 9; Length 159;
 Best Local Similarity 100.0%; Pred. No. 39;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 QDYE 5
 Db 22 QDYE 26

RESULT 4
 US-10-052-586-540
 ? Sequence 540, Application US/10052586
 ? Patent No. US20020127584A1
 ? GENERAL INFORMATION:
 ? APPLICANT: Baker, Kevin P.
 ? APPLICANT: Chen, Jian
 ? APPLICANT: Desnoyers, Luc
 ? APPLICANT: Goddard, Audrey
 ? APPLICANT: Godowski, Paul J.
 ? APPLICANT: Gurney, Austin L.
 ? APPLICANT: Pan, James
 ? APPLICANT: Smith, Victoria
 ? APPLICANT: Watanabe, Colin K.
 ? APPLICANT: Wood, William I.
 ? APPLICANT: Zhang, Zemin
 ? TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ? FILE REFERENCE: P3430R1C1
 ? CURRENT APPLICATION NUMBER: US/10/052,586
 ? CURRENT FILING DATE: 2002-01-15
 ? PRIOR APPLICATION NUMBER: 60/059263
 ? PRIOR FILING DATE: 1997-09-18
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 ; PRIOR FILING DATE: 1998-06-12
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 ; PRIOR FILING DATE: 1998-06-17
 ; PRIOR APPLICATION NUMBER: 60/084653
 ; PRIOR FILING DATE: 1998-06-17
 ; PRIOR APPLICATION NUMBER: 60/084908

Query Match 100.0%; Score: 28; DB 12; Length 159;
 Best Local Similarity 100.0%; Pred. No. 49;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 QYEE 5
 Db 22 QYEE 26

RESULT 5
 US-09-925-299-896
 ; Sequence 896; Application US/99425299
 ; Patent No. US2002005627A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Rosen et al.
 ; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
 ; FILE REFERENCE: PA102
 ; CURRENT FILING DATE: 2001-08-10
 ; PRIOR APPLICATION NUMBER: US/09/925-299
 ; PRIOR FILING DATE: 2000-03-08
 ; PRIOR APPLICATION NUMBER: 60/124,270
 ; PRIOR FILING DATE: 1998-03-12
 ; NUMBER OF SEQ ID NOS: 1556
 ; SOFTWARE: Patent In Ver. 2.0
 ; SEQ ID NO 896
 ; LENGTH: 635
 ; TYPE: PRI
 ; ORGANISM: Homo sapiens
 US-09-925-299-896

Query Match 100.0%; Score: 28; DB 10; Length 635;
 Best Local Similarity 100.0%; Pred. No. 150-02;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 QYEE 5
 Db 401 QYEE 405

RESULT 6
 US-10-041-856-3
 ; Sequence 3; Application US/10041856
 ; Patent No. US20020169299A1
 ; GENERAL INFORMATION:
 ; APPLICANT: SLAUGENHAUPT, SUSAN
 ; TITLE OF INVENTION: GENE FOR IDENTIFYING INDIVIDUALS WITH FAMILIAL
 ; FILE REFERENCE: 1829-40040S1
 ; CURRENT FILING DATE: 2002-07-08
 ; PRIOR APPLICATION NUMBER: US/10/041,856
 ; PRIOR FILING DATE: 2001-01-06
 ; NUMBER OF SEQ ID NOS: 88
 ; SOFTWARE: Patent In Ver. 2.1

; SEQ ID NO 3
 ; LENGTH: 1332
 ; TYPE: PRI
 ; ORGANISM: Homo sapiens
 US-10-041-856-3

Query Match 100.0%; Score: 28; DB 9; Length 1332;
 Best Local Similarity 100.0%; Pred. No. 30-02;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 QYEE 5
 Db 1074 QYEE 1078

RESULT 7
 US-10-041-856-4
 ; Sequence 4; Application US/10041856
 ; Patent No. US20020169299A1
 ; GENERAL INFORMATION:
 ; APPLICANT: SLAUGENHAUPT, SUSAN
 ; TITLE OF INVENTION: GENE FOR IDENTIFYING INDIVIDUALS WITH FAMILIAL
 ; FILE REFERENCE: 1829-40040S1
 ; CURRENT FILING DATE: 2002-07-08
 ; PRIOR APPLICATION NUMBER: US/10/041,856
 ; PRIOR FILING DATE: 2001-01-06
 ; NUMBER OF SEQ ID NOS: 88
 ; SOFTWARE: Patent In Ver. 2.1
 ; SEQ ID NO 4
 ; LENGTH: 1332
 ; TYPE: PRI
 ; ORGANISM: Mus musculus
 US-10-041-856-4

Query Match 100.0%; Score: 28; DB 9; Length 1332;
 Best Local Similarity 100.0%; Pred. No. 30-02;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 QYEE 5
 Db 1074 QYEE 1078

RESULT 8
 US-10-041-856-5
 ; Sequence 5; Application US/10041856
 ; Patent No. US20020169299A1
 ; GENERAL INFORMATION:
 ; APPLICANT: SLAUGENHAUPT, SUSAN
 ; TITLE OF INVENTION: GENE FOR IDENTIFYING INDIVIDUALS WITH FAMILIAL
 ; FILE REFERENCE: 1829-40040S1
 ; CURRENT FILING DATE: 2002-07-08
 ; PRIOR APPLICATION NUMBER: 60/260,080
 ; PRIOR FILING DATE: 2001-01-06
 ; NUMBER OF SEQ ID NOS: 88
 ; SOFTWARE: Patent In Ver. 2.1
 ; SEQ ID NO 5
 ; LENGTH: 1332
 ; TYPE: PRI
 ; ORGANISM: Homo sapiens
 US-10-041-856-5

Query Match 100.0%; Score: 28; DB 9; Length 1332;
 Best Local Similarity 100.0%; Pred. No. 40-02;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 QYEE 5

Db 1074 QDYEE 1078

Best Local Similarity 80.0%; Pred. No. 37;
Matches 4; Conservative 1; Mismatches

RESULT 9

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US-09-864-761-38993
1 Sequence 38993, Application US/00864761
2 Patent No. US2002004876A1
3 GENERAL INFORMATION:
4 APPLICANT: Penn, Sharron G.
5 APPLICANT: Rank, David R.
6 APPLICANT: Hanzel, David K
7 APPLICANT: Chen, Wensheng
8 TITLE OF INVENTION: HUMAN GENOME DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
9 TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
10 FILE REFERENCE: Acomica-X-1
11 CURRENT APPLICATION NUMBER: US/09/864,761
12 CURRENT FILING DATE: 2001-05-23
13 PRIOR APPLICATION NUMBER: US 60/180,312
14 PRIOR FILING DATE: 2000-02-04
15 PRIOR APPLICATION NUMBER: US 60/207,456
16 PRIOR FILING DATE: 2000-05-26
17 PRIOR APPLICATION NUMBER: US 09/632,366
18 PRIOR FILING DATE: 2000-08-03
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20 PRIOR FILING DATE: 2000-10-04
21 PRIOR APPLICATION NUMBER: US 60/236,359
22 PRIOR FILING DATE: 2000-09-27
23 PRIOR APPLICATION NUMBER: PCT/US01/00666
24 PRIOR FILING DATE: 2001-01-30
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41 PRIOR APPLICATION NUMBER: PCT/US01/00670
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45 PRIOR APPLICATION NUMBER: US 09/608,408
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47 PRIOR APPLICATION NUMBER: US 09/774,203
48 PRIOR FILING DATE: 2001-01-29
49 NUMBER OF SEQ ID NOS: 4917
50 SOFTWARE: Annonax Sequence Listing Engine vers. 1.1
51 SEQ ID NO 38993
52 LENGTH: 36
53 TYPE: prt
54 ORGANISM: Homo sapiens
55 FEATURE:
56 OTHER INFORMATION: MAP TO AC004491.1
57 OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 3.5
58 OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 4.1
59 OTHER INFORMATION: EXPRESSED IN HEPA, SIGNAL = 4
60 OTHER INFORMATION: EXPRESSED IN HEPA, SIGNAL = 3.8
61 OTHER INFORMATION: EXPRESSED IN K562, SIGNAL = 3.9
62 OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 3.7
63 OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 4
64 OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 4
65 US-09-864-761-38993

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Query Match

89 38. Score 25. Gr 19. Length 36.

Qy	1	QDYFE	5
		:	
Dp	1	QDYEQ	5

RESULT 10

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US-09-738-626-6719
: Sequence 5/19, Application US/09738626
: Publication No. US2002097605A1
: GENERAL INFORMATION:
: APPLICANT: NAKAGAWA, SATOSHI
: APPLICANT: MIYOGUCHI, HIROSHI
: APPLICANT: ANDO, SEIKO
: APPLICANT: HAYASHI, MIKIRO
: APPLICANT: YOSHII, KEIRO
: APPLICANT: YOKOI, HARUHIKO
: APPLICANT: TATEISHI, NAOKO
: APPLICANT: SENO, AKIHIRO
: APPLICANT: IKEDA, MASATO
: APPLICANT: OZAKI, AKIO
: TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
: FILE REFERENCE: 249.125
: CURRENT AFFILIATION NUMBER: US/09/738.626
: CURRENT FILING DATE: 2000-12-18
: PRIOR APPLICATION NUMBER: JP 99/377484
: PRIOR FILING DATE: 1999-12-16
: PRIOR APPLICATION NUMBER: JP 00/159162
: PRIOR FILING DATE: 2000-04-07
: PRIOR AFFILIATION NUMBER: IP 09/280988
: PRIOR FILING DATE: 2000-08-03
: NUMBER OF SEQ ID NOS: 7059
: SOFTWARE: PatentIn ver. 3.0
: SEQ ID NO 6719
: LENGTH: 104
: TYPE: PRT
: ORGANISM: Corynebacterium glutamicum
US-09-738-626-6719

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Query Match      89.1%; Score 25; DB 9; Length 104;
Best Local Similarity 80.9%; Pred. No. 1e+02;
Matches 4; Conservative 3; Mismatches 0; Models
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QY	1 QDYER 5
DB	23 QDYED 27

REF: SUI.T 17

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US-09-864-761-44584
? Sequence: 44661, Application US/09864.761
? Patent No: US20070048763A1
? GENERAL INFORMATION:
? APPLICANT: Penn, Sharron G.
? APPLICANT: Rank, David R.
? APPLICANT: Hanzel, David K.
? APPLICANT: Chen, Wensheng
? TITLE OF INVENTION: HUMAN GENOME-DERIVED, SINGLE EXON NUCLEIC ACID PROBES USEFUL FO
? TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
? FILE REFERENCE: Aecmica-X-1
? CURRENT APPLICATION NUMBER: US/09/864,761
? CURRENT FILING DATE: 2007-05-23
? PRIOR APPLICATION NUMBER: US 60/180,312
? PRIOR FILING DATE: 2003-02-04
? PRIOR APPLICATION NUMBER: US 09/07,456
? PRIOR FILING DATE: 2003-02-26
? PRIOR APPLICATION NUMBER: US 09/632,366
? PRIOR FILING DATE: 2000-08-03
? PRIOR APPLICATION NUMBER: GB 24263,6
? PRIOR FILING DATE: 2000-10-04
? PRIOR APPLICATION NUMBER: US 09/0736,359

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? PRIOR FILING DATE: 2000-09-27
 ? PRIOR APPLICATION NUMBER: PCT/US01/00666
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: PCT/US01/00667
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: PCT/US01/00664
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: PCT/US01/00669
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: PCT/US01/00665
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: PCT/US01/00668
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: PCT/US01/00663
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: PCT/US01/00662
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: PCT/US01/00661
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: PCT/US01/00670
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: US 60/234,687
 ? PRIOR FILING DATE: 2000-09-21
 ? PRIOR APPLICATION NUMBER: US 09/606,408
 ? PRIOR FILING DATE: 2000-06-30
 ? PRIOR APPLICATION NUMBER: US 09/774,203
 ? PRIOR FILING DATE: 2001-01-29
 ? NUMBER OF SEQ ID NOS: 49117
 ? SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
 ? SEQ ID NO: 4684
 ? LENGTH: 134
 ? TYPE: PRT
 ? ORGANISM: Homo sapiens
 ? FEATURE:

? OTHER INFORMATION: MAP TO AC010680.2
 ? OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 9.1
 ? OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 3.4
 ? OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 5.3
 ? OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.4
 ? OTHER INFORMATION: EST_HUMAN HIT: AA196127.1, EVALUATE 2.06e-25
 ? OTHER INFORMATION: SWISSPROT HIT: Q28820, EVALUATE 5.60e-01
 US 09-864-761-34684

Query Match 89.3%; Score 25; DB 10; Length 134;
 Best Local Similarity 80.0%; Pred. No. 1.3e+02;
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 QYEE 5
 DB 75 EYEE 79

RESULT 12
 US 09-867-550-1394
 ? Sequence 1994, Application US/09867550
 ? Patent No. US20020082206A1
 ? GENERAL INFORMATION:
 ? APPLICANT: Teach, Martin D.
 ? APPLICANT: Mehraban, Foad,
 ? APPLICANT: Conley, Pamela
 ? APPLICANT: Law, Debbie
 ? APPLICANT: Topper, James
 ? TITLE OF INVENTION: Heterody
 ? FILE REFERENCE: 21402-013 (Cura-313)
 ? CURRENT APPLICATION NUMBER: US/09/867,550
 ? CURRENT FILING DATE: 2001-09-20
 ? PRIOR APPLICATION NUMBER: USN 60/208,427
 ? PRIOR FILING DATE: 2000-05-30
 ? NUMBER OF SEQ ID NOS: 2125
 ? SOFTWARE: FastSeq for Windows Version 4.0
 ? SEQ ID NO: 1494
 ? LENGTH: 181

? TITLE OF INVENTION: Heterodyne Cells and

? TYPE: PRT
 ? ORGANISM: Homo sapiens
 US-09-867-550-1394

Query Match 89.3%; Score 25; DB 10; Length 181;
 Best Local Similarity 80.0%; Pred. No. 1.7e+02;
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 QYEE 5
 DB 165 QYEE 169

RESULT 13
 US-09-745-763-4
 ? Sequence 4, Application US/09745763
 ? Patent No. US20020065394A1
 ? GENERAL INFORMATION:
 ? APPLICANT: Jacobs, Kenneth
 ? McCoy, John M.
 ? LaVallio, Edward R.
 ? Collins-Racie, Lisa A.
 ? Evans, Cheryl
 ? Merberg, David
 ? Treacy, Maurice
 ? Spaulding, Vikki

? TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES
 ? NUMBER OF SEQUENCES: 219
 ? CORRESPONDENCE ADDRESS:
 ? ADDRESSEE: Genetics Institute, Inc.
 ? STREET: 87 CambridgePark Drive
 ? CITY: Cambridge
 ? STATE: MA
 ? COUNTRY: U.S.A.
 ? ZIP: 02140

? COMPUTER READABLE FORM:
 ? MEDIUM TYPE: Floppy disk
 ? COMPUTER: IBM PC compatible
 ? OPERATING SYSTEM: PC-DOS/MS-DOS
 ? SOFTWARE: PatentIn Release #1.0, Version #1.30
 ? CURRENT APPLICATION DATA:
 ? APPLICATION NUMBER: US/09/745,763
 ? FILING DATE: 18-Jun-2000
 ? CLASSIFICATION: <Unknown>
 ? ATTORNEY/AGENT INFORMATION:
 ? NAME: Sprunger, Suzanne A.
 ? REGISTRATION NUMBER: 41,323
 ? TELECOMMUNICATION INFORMATION:
 ? TELEPHONE: (617) 498-8284
 ? TELEFAX: (617) 876-5851
 ? INFORMATION FOR SEQ ID NO: 4:
 ? SEQUENCE CHARACTERISTICS:
 ? LENGTH: 216 amino acids
 ? TYPE: amino acid
 ? STRANDEDNESS: <Unknown>
 ? TOPOLOGY: linear
 ? MOLECULE TYPE: protein
 ? SEQUENCE DESCRIPTION: SEQ ID NO: 4:

US-09-745-763-4

Query Match 89.3%; Score 25; DB 10; Length 216;
 Best Local Similarity 80.0%; Pred. No. 2.1e+02;
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 QYEE 5
 DB 205 QYEE 209

RESULT 14
 US-09-800-729-87
 ? Sequence 87, Application US/09800729

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; Patent No. US20020068319A1
; GENERAL INFORMATION:
; APPLICANT: Ni et al.
; TITLE OF INVENTION: 32 Human secreted proteins
; FILE REFERENCE: P2044P1
; CURRENT APPLICATION NUMBER: US/09/800,729
; CURRENT FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: PCT/US00/26013
; PRIOR FILING DATE: 2000-09-22
; PRIOR APPLICATION NUMBER: 60/155,709
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 217
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 87
; LENGTH: 298
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-800-729-87

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Query Match      89.3%  Score 25; DB 10; Length 298;
Best Local Similarity 80.0%; Pred. No. 2.8e+02;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

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QY 1 QDYEE 5
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DB 45 QDYED 49

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RESULT 15
US-09-800-729-121
; Sequence 121, Application US/09800729
; Patent No. US20020068319A1
; GENERAL INFORMATION:
; APPLICANT: Ni et al.
; TITLE OF INVENTION: 32 Human secreted proteins
; FILE REFERENCE: P2044P1
; CURRENT APPLICATION NUMBER: US/09/800,729
; CURRENT FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: PCT/US00/26013
; PRIOR FILING DATE: 2000-09-22
; PRIOR APPLICATION NUMBER: 60/155,709
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 217
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 121
; LENGTH: 298
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-800-729-121

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Query Match      89.3%  Score 25; DB 10; Length 298;
Best Local Similarity 80.0%; Pred. No. 2.8e+02;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

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QY 1 QDYEE 5
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DB 45 QDYED 49

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Search completed: January 16, 2003, 17:00:10
Job time : 3.07143 secs

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